

Johnson, James

From: Mahler, Tom
Sent: Friday, March 21, 2014 9:00 AM
To: Hooper, Charles A.; Johnson, James; Nold, Eric
Subject: Fw: VIPERized Ludlum 2241s

Fyi, we should talk to Dave soon.

From: Kappelman, David
Sent: Thursday, March 20, 2014 4:27:28 PM
To: Mahler, Tom; Schaefer, Joe; Nattis, Randy; Delgado, Eric; Boykin, Michael; Young, Catherine; Young, Catherine; Huyser, Matthew
Subject: RE: VIPERized Ludlum 2241s

We can just send you our 2241 LINC's if you have the VIPERized calibrated instruments. We don't have any VIPERized 2241s that are currently calibrated to any probes, but these could be calibrated to 44-38 probes. The LINC's are not dedicated to specific 2241s besides the required VIPERization of the instrument.

It sounds like you just need fixed monitoring locations and not the "Roving GPS" capability of VIPER. Here are a couple of other options available using ERT equipment, but one of us would need to go with it. All knowledgeable operators will be in NJ for the next two weeks though. What does your schedule look like for performing the work? Either of these can record exposure rate accurately and "data-log" with a date/time stamp:

- We have 5 RSS-131 PICs too that would provide the data-logging of exposure rate vs date time stamp.
- We have several Saphymo/Genitron (German Company) GammaTracers that will collect histograms of exposure rate over time and provide graphs and flat file. These have both the infrared download and radio telemetry option with dedicated hardware/software.

I am leaving Saturday morning driving to Edison, NJ for the next two weeks, but I am interested in helping out if scheduling allows. I would not need any contractor support if I am able to come help out. I have been at an oil spill in OH since the beginning of this week, but you can call my cell tomorrow or next week to discuss options.

David Kappelman
USEPA Environmental Response Team
cell 513-240-6840

From: Mahler, Tom
Sent: Thursday, March 20, 2014 4:49 PM
To: Kappelman, David; Schaefer, Joe; Nattis, Randy; Delgado, Eric; Boykin, Michael; Young, Catherine; Young, Catherine; Huyser, Matthew
Subject: RE: VIPERized Ludlum 2241s

Hey Dave,

In this case, we are planning to collocate these meters with some RADeco's and other particulate monitoring equipment. Our goal is to provide a real time exposure measurement at several locations. Chuck Hooper and I were talking about using the 44-38 probes A.K.A. "the hotdog probes". We are talking about doing this at 5 locations. We currently have two Viperized 2241-3 but only one associated Lync. Do your Viperized ludlum's still work with the 44-38 probes?

Tom Mahler
OSC Region 7
913-551-7416



From: Kappelman, David
Sent: Thursday, March 20, 2014 3:22 PM
To: Schaefer, Joe; Nattis, Randy; Delgado, Eric; Boykin, Michael; Young, Catherine; Young, Catherine; Huyser, Matthew
Cc: Mahler, Tom
Subject: RE: VIPERized Ludlum 2241s

We have two 2241s with 3x3 NaI detectors that are VIPERized. They are not calibrated to the probe for exposure rate, but if he can use them in cpm mode, we can set them up ourselves. I will bring them with me to Edison on Saturday, and I can ship them from there next week after we get a chance to test them.

How high of an exposure rate do you need these to operate. They will saturate in an exposure field of about 5mR/hr in either exposure rate or count rate mode. Give me a call to discuss your use and expectations for results.

David Kappelman
USEPA Environmental Response Team
cell 513-240-6840

From: Schaefer, Joe
Sent: Thursday, March 20, 2014 4:03 PM
To: Kappelman, David; Nattis, Randy; Delgado, Eric; Boykin, Michael; Young, Catherine; Young, Catherine; Huyser, Matthew
Cc: Mahler, Tom
Subject: VIPERized Ludlum 2241s
Importance: High

All,

I'm relaying a request from Tom Mahler (R7). The Region is looking to borrow 2 VIPERized Ludlum 2241s with Gamma Probes for use at the Westlake Landfill for 2 months.

Does anyone have any instruments that could be loaned out for some or all of that time?

Instruments are needed ASAP.

Thanks,

Joe Schaefer
US EPA/Environmental Response Team
(732) 906-6920 (office)
(609) 865-8111 (cell)